# THE AMERICAN JOURNAL OF PSYCHOLOGY

EDITED BY

KARL M. DALLENBACH
University of Texas

AND

MADISON BENTLEY
Stanford University

WITH THE COÖPERATION OF

E. G. BORING, Harvard University; S. W. FERNBERGER, University of Pennsylvania; J. P. GUILFORD, University of Southern California; HARRY HELSON, Bryn Mawr College; E. R. HILGARD, Stanford University; W. S. HUNTER, Brown University; H. M. JOHNSON, Tulane University; G. L. KREEZER, Cornell University; D. G. MARQUIS, University of Michigan; R. M. OGDEN, Cornell University; W. B. PILLSBURY, University of Michigan

Vol. LXI
MORRILL HALL, CORNELL UNIVERSITY
ITHACA, NEW YORK
1948

BOSTON UNIVERSITY
COLLEGE OF LIBERAL ARTS
LIBRARY

COPYRIGHT, 1948
BY
KARL M. DALLENBACH

BF
1
E87
v. 61



# TABLE OF CONTENTS

## ARTICLES AND NOTES

ANDREWS, T. G., and ROBINSON, I. P., Time-Error and the Müller-Lyer Illusion . 229
ARNTZEN, F. I., Some Psychological Aspects of Nicotinism. . . . . 424
BAKAY, E., and SCHILLER, P. H., Manipulative Correction of Visually Presented Figures . . . . . 487
BAKER, L. M., and ELLIOTT, D. N., Controlled and Free Association-Times with Identical Stimulus- and Response-Words . . . . . 535
BARATTA, P., and PRESTON, M. G., An Experimental Study of the Auction-Value of an Uncertain Outcome . . . . . 183
BARTLETT, N. R., and SWEET, A. L., An Illusory Rotating Sweep . . . . . 400
BARTLEY, S. H., GRAYBIEL, A., and KERR, W. A., Stimulus Thresholds of the Semicircular Canals as a Function of Angular Acceleration . . . . . 21
BECK, L. F., Twenty-Seventh Annual Meeting of the Western Psychological Association . . . . . 124
BECK, L. F., Twenty-Eighth Annual Meeting of the Western Psychological Association . . . . . 581
BENNETT, G. K., John Gamewell Jenkins: 1901-1948 . . . . . 433
BENTLEY, M., Advancement of Understanding and Advancement of Professional Service . . . . . 111
BENTLEY, M., The Harvard Case for Psychology . . . . . 275
BENTLEY, M., Factors and Functions in Human Resources . . . . . 286
BENTLEY, M., The New Edition of Sherrington's *Integrative Action* . . . . . 562
BENTLEY, M., *Samiksa: Journal of the Indian Psycho-Analytical Society* . . . . 583
BENTLEY, M., *Scientific American* . . . . . 583
BERLINER, A., and BERLINER, S., The Distortion of Straight and Curved Lines in Geometrical Fields . . . . . 153
BINDRA, D., LICKLIDER, J. C. R., and POLLACK, I., The Intelligibility of Rectangular Speech-Waves . . . . . 1
BOICE, M. L., TINKER, M. A., and PATERSON, D. G., Color Vision and Age . . 520
BORING, E. G., National Academy of Sciences . . . . . 431
BORING, E. G., American Philosophical Society . . . . . 432
BORING, E. G., and BORING, M. D., Masters and Pupils among the American Psychologists . . . . . 527
BORING, E. G., and HARPER, R. S., Cues . . . . . 119
BORING, M. D., and BORING, E. G., Masters and Pupils among the American Psychologists . . . . . 527
BROGDEN, W. J., and CORRIGAN, R. E., The Effect of Angle upon Precision of Linear Pursuit Movements . . . . . 502
BROGDEN, W. J., and KLOEHN, N. W., The Alkaline Taste: A Comparison of Absolute Thresholds for Sodium Hydroxide on the Tip and Mid-Dorsal Surfaces of the Tongue . . . . . 90
BROWN, J. S., KNAUFT, E. B., and ROSEBAUM, G., The Accuracy of Positioning Reactions as a Function of Their Direction and Extent . . . . . 167
BROŽEK, J., Visual Fatigue: A Critical Comment . . . . . 420
BRYANT, W. B., OUTERBRIDGE, D. G., and WASHBURN, S. L., Some Psychological Determinants of the Structure of Advertising in a Classified Telephone Directory . . . . . 540
BURTT, H. E., The December 1947 Meeting of Section I of the AAAS . . . . . 293
BUXTON, C. E., Twentieth Annual Meeting of the Midwestern Psychological Association . . . . . 426

CLARK, B., GRAYBIEL, A., and MACCORQUODALE, K., Illusory Rotation of a Target during Turns in an Aircraft ..... 50
CORRIGAN, R. E., and BROGDEN, W. J., The Effect of Angle upon Precision of Linear Pursuit Movements ..... 502
CRANNELL, C. W., An Effective Demonstration of Retroactive and Proactive Inhibition ..... 391
DALLENBACH, K. M., An Announcement ..... 467
DALLENBACH, K. M., and WORCHEL, P., The Vestibular Sensitivity of Deaf-Blind Subjects ..... 94
DAVIS, R. C., An Integrator and Accessory Apparatus for Recording Action Potentials ..... 100
DIXON, J. C., Effect of Exposure-Time on Perception of Grouped Digits ..... 396
EDITORIAL NOTE, Errata ..... 294
EDITORIAL NOTE, Research Fellowships in Psychometrics ..... 432
ELLIOTT, D. N., and BAKER, L. M., Controlled and Free Association-Times with Identical Stimulus- and Response-Words ..... 535
FELDMAN, R. S., An Automatically Controlled Lashley Discrimination Mechanism ..... 414
FERNBERGER, S. W., A Figural After-Effect in the Third Dimension of Visual Space ..... 291
FOSBERG, I. A., A Modification of the Vigotsky Block-Test for the Study of Higher Thought Processes ..... 558
FRICK, F. C., KELLER, F. S., and SCHOENFELD, W. N., Apparatus Designed for Introductory Psychology at Columbia College ..... 409
GRAHAM, C. H., Selig Hecht: 1892-1947 ..... 126
GRAHAM, C. H., MOTE, F. A., MUELLER, C. G., and RIGGS, L. A., Two Devices for Evaluating Stereoscopic Reticle-Patterns ..... 545
GRANT, D. A., and NORRIS, E. B., Eyelid Conditioning as Affected by Verbally Induced Inhibitory Set and Counter Reënforcement ..... 37
GRANT, D. A., HAKE, H. W., and SCHNEIDER, D. E., Effects of Pre-testing with the Conditioned Stimulus upon Extinction of the Conditioned Eyelid Response ..... 243
GRANT, D. A., HORNSETH, J. P., and NORRIS, E. B., Sensitization of the Beta Response under Verbally Induced Inhibitory Set and Counter-Reënforcement 66
GRAYBIEL, A., BARTLEY, S. H., and KERR, W. A., Stimulus Thresholds of the Semicircular Canals as a Function of Angular Acceleration ..... 21
GRAYBIEL, A., CLARK, B., and MACCORQUODALE, K., Illusory Rotation of a Target during Turns in an Aircraft ..... 50
HAKE, H. W., GRANT, D. A., and SCHNEIDER, D. E., Effect of Pre-Testing with the Conditioned Stimulus upon Extinction of the Conditioned Eyelid Response ..... 243
HARKER, G. S., A Subject-Paced Stencil Scorer ..... 552
HARPER, R. S., and BORING, E. G., Cues ..... 119
HARPER, R. S., and STEVENS, S. S., A Psychological Scale of Weight and a Formula for Its Derivation ..... 343
HARRIS, J. D., Pitch-Discrimination under Masking ..... 194
HARRIS, J. D., Discrimination of Pitch: Suggestions toward Method and Procedure ..... 309
HIRSCH, I. J., Binaural Summation and Interaural Inhibition as a Function of the Level of Masking Noise ..... 205
HORNADAY, J., and LUBORSKY, L. B., A Mechanical Factor-Rotator for Demonstration ..... 104
HORNSETH, J. P., GRANT, D. A., and NORRIS, E. B., Sensitization of the Beta Response under Verbally Induced Inhibitory Set and Counter-Reënforcement 66
HURVICH, L. M., Alfred Harold Holway: 1905-1948 ..... 586
JEFFRESS, L. A., The Nature of 'Primary Abilities' ..... 107
JEFFRESS, L. A., A Direct-Reading Frequency-Difference Meter ..... 405
JEFFRESS, L. A., Binaural Phase Difference and Pitch Variation ..... 468

JENKINS, W. O., and POSTMAN, L., Isolation and 'Spread of Effect' in Serial Learning ..... 214
JENKINS, W. O., POSTMAN, D. L., and POSTMAN, L., An Experimental Comparison of Active Recall and Recognition ..... 511
JONES, F. N., A Factor Analysis of Visibility Data ..... 361
KELLER, F. S., FRICK, F. C., and SCHOENFELD, W. N., Apparatus Designed for Introductory Psychology at Columbia College ..... 409
KERR, W. A., BARTLEY, S. H., and GRAYBIEL, A., Stimulus Threshold of the Semicircular Canals as a Function of Angular Acceleration ..... 21
KLOEHN, N. W., and BROGDEN, W. J., The Alkaline Taste: A Comparison of Absolute Thresholds for Sodium Hydroxide on the Tip and Mid-Dorsal Surfaces of the Tongue ..... 90
KNAUFT, E. B., BROWN, J. S., and ROSEBAUM, G., The Accuracy of Positioning Reactions as a Function of Their Direction and Extent ..... 167
LACEY, O. L., and SIEGEL, P. S., An Improved Potentiometric Circuit for Measuring the Galvanic Skin Response ..... 272
LANGFELD, H. S., Twelfth International Congress of Psychology ..... 576
LANIER, L. H., Forty-fourth Annual Meeting of the Society of Experimental Psychologists ..... 426
LEHNER, G. F. J., and MOUNT, G. E., The Use of Certain Electronic Tubes in the Psychological Laboratory ..... 247
LICKLIDER, J. C. R., BINDRA, D., and POLLACK, I., The Intelligibility of Rectangular Speech-waves ..... 1
LUBORSKY, L. B., and HORNADAY, J., A Mechanical Factor-Rotator for Demonstration ..... 104
MACCORQUODALE, K., CLARK, B., and GRAYBIEL, A., Illusory Rotation of a Target during Turns in an Aircraft ..... 50
MOTE, F. A., GRAHAM, C. H., MUELLER, C. G., and RIGGS, L. A., Two Devices for Evaluating Stereoscopic Reticle-Patterns ..... 545
MOUNT, G. E., and LEHNER, G. F. J., The Use of Certain Electronic Tubes in the Psychological Laboratory ..... 247
MUELLER, C. G., GRAHAM, C. H., MOTE, F. A., and RIGGS, L. A., Two Devices for Evaluating Stereoscopic Reticle-Patterns ..... 545
MULL, H. K., Myopia and Introversion ..... 575
MURRAY, E., Mass-Testing of Color Vision; A Simplified and Accelerated Technique ..... 370
MYERS, C. R., Seventh Annual Meeting of the Canadian Psychological Association ..... 582
NORRIS, E. B., and GRANT, D. A., Eyelid Conditioning as Affected by Verbally Induced Inhibitory Set and Counter Reënforcement ..... 37
NORRIS, E. B., GRANT, D. A., and HORNSETH, J. P., Sensitization of the Beta Response under Verbally Induced Inhibitory Set and Counter-Reënforcement 66
OUTERBRIDGE, D. G., BRYANT, W. B., and WASHBURN, S. L., Some Psychological Determinants of the Structure of Advertising in a Classified Telephone Directory ..... 540
PATERSON, D. G., BOICE, M. L., and TINKER, M. A., Color Vision and Age . 520
PEIXOTTO, H. E., The Recognitive Value of Three Hundred Nonsense Syllables 352
PFAFFMANN, C., Aircraft Landings without Binocular Cues: A Study Based upon Observations made in Flight ..... 323
POLLACK, I., BINDRA, D, and LICKLIDER, J. C. R., The Intelligibility of Rectangular Speech-Waves. ..... 1
PORTENIER, L., Nineteenth Annual Meeting of the Rocky Mountain Branch of the American Psychological Association ..... 430
POST, D., and WEITZ, J., A Stereoscopic Study of Figural After-Effects ..... 59
POSTMAN, D. L., and POSTMAN, L., Change in Set as a Determinant of Retroactive Inhibition ..... 236
POSTMAN, D. L., JENKINS, W. O., and POSTMAN, L., An Experimental Comparison of Active Recall and Recognition ..... 511

POSTMAN, L., and JENKINS, W. O., Isolation and 'Spread of Effect' in Serial Learning ..... 214
POSTMAN, L., and POSTMAN, D. L., Change in Set as a Determinant of Retroactive Inhibition ..... 236
POSTMAN, L., JENKINS, W. O., and POSTMAN, D. L., An Experimental Comparison of Active Recall and Recognition ..... 511
PRESTON, M. G., and BARATTA, P., An Experimental Study of the Auction-Value of an Uncertain Outcome ..... 183
RAUTMAN, A. L., A Single-Path Punch Maze for Elementary Experiments in Learning ..... 268
RIGGS, L. A., GRAHAM, C. H., MOTE, F. A., and MUELLER, C. G., Two Devices for Evaluating Stereoscopic Reticle-Patterns. ..... 545
ROBINSON, I. P., and ANDREWS, T. G., Time-Error and the Müller-Lyer Illusion 229
ROSENBAUM, G., BROWN, J. S., and KNAUFT, E. B., The Accuracy of Positioning Reactions as a Function of Their Direction and Extent ..... 167
SCHILLER, P. H., and BAKAY, E., Manipulative Correction of Visually Presented Figures ..... 487
SCHNEIDER, D. E., GRANT, D. A., and HAKE, W. W., Effects of Pre-Testing with the Conditioned Stimulus upon Extinction of the Conditioned Eyelid Response ..... 243
SCHOENFELD, W. N., FRICK, F. C., and KELLER, F. S., Apparatus Designed for Introductory Psychology at Columbia College ..... 409
SEASHORE, H., The Nineteenth Annual Meeting of the Eastern Psychological Association ..... 427
SIEGEL, P. S., and LACEY, O. L., An Improved Potentiometric Circuit for Measuring the Galvanic Skin Response ..... 272
SMITH, K. R., Visual Apparent Movement in the Absence of Neural Interaction 73
SMITH, K. R., The Satiational Theory of the Figural After-Effect ..... 282
STEVENS, S. S., and HARPER, R. S., A Psychological Scale of Weight and a Formula for Its Derviation ..... 343
SWEET, A. L., and BARTLETT, N. R., An Illusory Rotating Sweep ..... 400
THORNDIKE, E. L., The Psychology of Punctuation ..... 222
TINKER, M. A., Effect of Vibration upon Reading ..... 386
TINKER, M. A., BOICE, M. L., and PATERSON, D. G., Color Vision and Age .. 520
TRESSELT, M. E., Time-Errors in Successive Comparison of Tonal Pitch ..... 335
WASHBURN, S. L., BRYANT, W. B., and OUTERBRIDGE, D. G., Some Psychological Determinants of the Structure of Advertising in a Classified Telephone Directory ..... 540
WEBER, C. O., Ivy Gertrude Campbell Fisher: 1888-1948 ..... 585
WEBSTER, H., The Distortion of Straight and Curved Lines in Geometrical Fields ..... 573
WEITZ, J., The Fortieth Annual Meeting of the Southern Society for Philosophy and Psychology ..... 580
WEITZ, J., and POST, D., A Stereoscopic Study of Figural After-Effects ..... 59
WENGER, M. A., An Apparatus for the Measurement of Muscular Tension during Handwriting ..... 259
WOLFLE, D., The 1947 Meeting of the American Psychological Association .. 123
WOLFLE, D., The 1948 Meeting of the American Psychological Association .. 579
WORCHEL, P., and DALLENBACH, K. M., The Vestibular Sensitivity of Deaf-Blind Subjects ..... 94
ZIPF, G. K., On the Number, Circulation-Sizes, and the Probable Purchasers of Newspapers ..... 79

## Book Reviews

(The reviewer's name appears in parentheses after the title of the work.)


Abrahamsen, D., The Mind and Death of a Genuis (M. Bentley) ..... 146
Amatruda, C. S., and Gesell, A., Developmental Diagnosis; Normal and Abnormal Child Development: Clinical Methods and Pediatric Applications, 2nd ed. (M. Bentley) ..... 612
Bartley, S. H., and Chute, E., Fatigue and Impairment in Man (M. Bentley) 299
Bolles, M. M., and Landis, C., Textbook of Abnormal Psychology (N. L. Munn) ..... 131
Boring, E. G., Langfeld, H. S., and Weld, H. P., Psychology: A Factual Textbook (1935); Introduction to Psychology (1939); Foundations of Phychology (1948) (M. Bentley) ..... 589
Bowerman, W. G., Studies in Genius (M. Bentley) ..... 146
Brennan, R. E., The Image of His Maker; A Study of the Nature of Man (M. Bentley) ..... 464
Bridges, J. W., Psychology Normal and Abnormal; An Introduction to the Study of Mind and Behavior (M. Bentley) ..... 610
Brill, A. A., Lectures on Psychoanalytic Psychiatry (I. Katz) ..... 137
Bruno, F. J., Trends in Social Work as Reflected in the Proceedings of the National Conference of Social Work (M. Bentley) ..... 464
Burton, A., and Harris, R. E., Case Histories in Clinical and Abnormal Psychology (M. Bentley) ..... 464
Burtt, H. E., Applied Psychology (M. Bentley) ..... 603
Cameron, N., The Psychology of Behavior Disorders; A Biosocial Interpretation (M. Bentley) ..... 598
Cantril, H., and Sherif, M., The Psychology of Ego-Involvements; Social Attitudes and Identifications (E. R. Guthrie) ..... 139
Carmichael, L., and Dearborn, W. F., Reading and Visual Fatigue (S. H. Bartley) ..... 301
Carroll, H. A., Mental Hygiene (M. Bentley) ..... 611
Chapin, F. S., Experimental Designs in Sociological Research (M. Bentley) 464
Chute, E., and Bartley, S. H., Fatigue and Impairment in Man (M. Bentley) 299
Cleeton, G. U., and Mason, C. W., Executive Ability; Its Discovery and Development (J. G. Jenkins) ..... 132
Collier, J., The Indians of the Americas (M. Bentley) ..... 150
Committee on Food Habits, Manual for the Study of Food Habits (J. Brožek) ..... 459
Committee on Medicine, Medicine in the Changing Order (J. Brožek) 463
Cuber, J. F., Marriage Counseling Practice (M. Bentley) ..... 464
Curie, E., and Geddes, D. P., About the Kinsey Report; Observations by Eleven Experts on 'Sexual Behavior in the Human Male' (M. Bentley) 615
Davis, H., Stevens, S. S., and Nichols, R. H., Jr., Hearing Aids; An Experimental Study of Design Objectives (M. Bentley) ..... 457
Dearborn, W. F., and Carmichael, L., Reading and Visual Fatigue (S. H. Bartley) ..... 301
de Cabot, P. S., Juvenile Delinquency; A Critical Annotated Bibliography (E. B. Sullivan) ..... 614
Deutsch, A. (Editor), Sex Habits of American Men; A Symposium of the Kinsey Report (A. S. Damm) ..... 607
Dorcus, R. M., and Shafer, G. W., Textbook of Abnormal Psychology, 3rd ed. (D. R. Miller) ..... 148
Evans, R. M., An Introduction to Color (M. Bentley) ..... 615
Flanagan, J. C. (Editor), The Aviation Psychology Program in the Army Air Forces (M. Bentley) ..... 602
Flint, R. F., Glacial Geology and the Pleistocene Epoch (A. D. Howard) 605
Frank, L. K., Projective Methods (M. Bentley) ..... 615

GEDDES, D. P., and CURIE, E., About the Kinsey Report; Observations by Eleven Experts on 'Sexual Behavior in the Human Male' (M. Bentley) .... 615
GESELL, A., and AMATRUDA, C. S., Developmental Diagnosis; Normal and Abnormal Child Development: Clinical Methods and Pediatric Applications, 2nd ed. (M. Bentley) ..... 612
GLOVER, E., War, Sadism and Pacifism; Further Essays on Group Psychology and War (M. Bentley) ..... 464
GOLDMAN, E. F., Two-Way Street; The Emergence of the Public Relations Counsel (M. Bentley) ..... 615
GORER, G., The American People; A Study in National Character (M. Bentley) ..... 464
GOTSHALK, D. W., Art and the Social Order (M. Bentley) ..... 300
GRANQVIST, H., Birth and Childhood Among the Arabs; Studies in a Muhammadan Village in Palestine (M. Bentley) ..... 306
HALL, R. B., Area Studies, with Special Reference to their Implications for Research on the Social Sciences (M. Bentley) ..... 464
HALSTEAD, W. C., Brain and Intelligence; A Quantitative Study of the Frontal Lobes (F. A. Mettler) ..... 440
HAMILTON, G., Psychotherapy in Child Guidance (M. Bentley) ..... 465
HAMRIN, S. A., Guidance Talks to Teachers (M. Bentley) ..... 465
HARTWELL, S. W., Practical Psychiatry and Mental Hygiene (E. J. Shoben, Jr.) ..... 454
HENDRY, C. E. (Editor), A Decade of Group Work (M. Bentley) ..... 465
HEWETT, L. E., and JENKINS, R. L., Fundamental Patterns of Maladjustment; The Dynamics of their Origin (E. B. Sullivan) ..... 614
JENKINS, R. L., and HEWETT, L. E., Fundamental Patterns of Maladjustment; The Dynamics of their Origin (E. B. Sullivan) ..... 614
JERSILD, A. T., Child Psychology, 3rd ed. (M. Bentley) ..... 611
JONES, E., Hamlet (M. Bentley) ..... 465
KARDINER, A., The Psychological Frontiers of Society (M. Bentley) ..... 456
KATZ, D., Psychological Atlas (M. Bentley) ..... 608
KINSEY, A. C., POMEROY, W. B., and MARTIN, C. E., Sexual Behavior in the Human Male (M. Bentley) ..... 303
KLUCKHOHN, C., and LEIGHTON, D., The Navaho (F. M. Keesing) ..... 141
KLUCKHOHN, C., and LEIGHTON, D., Children of the People. The Navaho Individual and His Development (F. M. Keesing) ..... 141
KLUCKHOHN, C., Navaho Witchcraft (M. Bentley) ..... 460
LANDIS, C., and BOLLES, M. M., Textbook of Abnormal Psychology (N. L. Munn) ..... 131
LANGFELD, H. S., BORING, E. G., and WELD, H. P., Psychology: A Factual Textbook (1935); Introduction to Psychology (1939); Foundations of Psychology (1948) (M. Bentley) ..... 589
LEIGHTON, A. H., The Governing of Men; General Principles and Recommendations Based on Experience at a Japanese Relocation Camp (M. Bentley) ..... 465
LEIGHTON, D., and KLUCKHOHN, C., The Navaho (F. M. Keesing) ..... 141
LEIGHTON, D., and KLUCKHOHN, C., Children of the People. The Navaho Individual and his Development (F. M. Keesing) ..... 141
LE SENNE, R., Traité de Caractérologie (R. M. Ogden) ..... 436
LINEBARGER, P. M. A., Psychological Warfare (M. Bentley) ..... 465
LONG, M. F., The Secret Science Behind Miracles (M. Bentley) ..... 466
LOUTTIT, C. M., Clinical Psychology of Children's Behavior Problems, Rev. ed. (N. L. Munn) ..... 307
LOVELL, G. D., and MORGAN, J. J. B., The Psychology of Abnormal People (M. Bentley) ..... 611
LOVELL, R. G., Taking the Cure (M. Bentley) ..... 466
LUDWIG, E., Doctor Freud: An Analysis and a Warning (A. S. Damm) .. 145

MacFarland, R. A., Human Factors in Air Transport Design (D. D. Smith) 449
Martin, C. E., Kinsey, A. D., and Pomeroy, W. B., Sexual Behavior in the Human Male (M. Bentley) 303
Mason, C. W., and Cleeton, G. U., Executive Ability; Its Discovery and Development (J. G. Jenkins) 132
Meredith, F. L., Hygiene (M. Bentley) 466
Merrill, M. A., Problems of Child Delinquency (E. B. Sullivan) 613
Merritt, H. H., Mettler, F. A., and Putnam, T. J., Fundamentals of Clinical Neurology (M. Bentley) 305
Mettler, C. C., History of Medicine (L. G. Stevenson) 451
Mettler, F. A., Merritt, H. H., and Putnam, T. J., Fundamentals of Clinical Neurology (M. Bentley) 305
Miner, R. W. (Editor) Muscular Contraction (F. A. Fuhrman) 458
Moore, T. V., The Driving Forces of Human Nature and Their Adjustment (M. Bentley) 601
Moreno, J. L., Psychodrama (D. R. Miller) 147
Morgan, J. J. B., and Lovell, G. D., The Psychology of Abnormal People (M. Bentley) 611
Muncie, W., Psychobiology and Psychiatry, 2nd ed. (M. Bentley) 457
Murphy, G., Personality; A Biosocial Approach to Origins and Structure (R. M. Ogden) 436
Mursell, J. L., Psychological Testing (F. N. Freeman) 462
Nand, S., The Objective Method of Dream-Interpretation (M. Bentley) 307
Newcomb, T. W., and Others, Readings in Social Psychology (M. Bentley) 304
Nichols, R. H., Jr., Davis, H., and Stevens, S. S., Hearing Aids; An Experimental Study of Design Objectives (M. Bentley) 457
Noyes, A. P., Modern Clinical Psychiatry (M. Bentley) 610
Oden, M. H., and Terman, L. M., The Gifted Child Grows Up (K. Sward) 443
Page, J. D., Abnormal Psychology; A Clinical Approach to Psychological Deviants (M. Bentley) 462
Peatman, J. G., Descriptive and Sampling Statistics (Q. McNemar) 295
Pepinsky, H. B., The Selection and Use of Diagnostic Categories in Clinical Counseling (M. Bentley) 615
Pomeroy, W. B., Kinsey, A. C., and Martin, C. E., Sexual Behavior in the Human Male (M. Bentley) 303
Putnam, T. J., Merritt, H. H., and Mettler, F. A., Fundamentals of Clinical Psychology (M. Bentley) 305
Rapaport, D., and Schafer, R., Manual of Diagnostic Psychological Testing: II. Diagnostic Testing of Personality and Ideational Content (D. R. Miller) 149
Rennie, T. A. C., and Woodward, L. E. Mental Health in Modern Society (M. Bentley) 466
Rimoldi, H. J. A., Ritmo y Fatiga (S. H. Bartley) 301
Rugg, H., Foundations for American Education (M. Bentley) 297
Ryan, T. A., Work and Effort; The Psychology of Production (F. L. Ruch) 453
Schafer, R., and Rapaport, D., Manual of Diagnostic Psychological Testing: II. Diagnostic Testing of Personality and Ideational Content (D. R. Miller) 149
Schoen, M., and Schullian, D. M. (Editors), Music and Medicine (R. M. Ogden) 595
Schullian, D. M., and Schoen, M. (Editors), Music and Medicine (R. M. Ogden) 595
Schwab, G., Tribes of the Liberian Hinterland (C. Rodhom) 606
Seashore, C. E., In Search of Beauty in Music; A Scientific Approach to Musical Esthetics (P. R. Farnsworth) 144
Selling, L. S., Synopsis of Neuropsychiatry, 2nd ed. (M. Bentley) 611
Shafer, G. W., and Dorcus, R. M., Textbook of Abnormal Psychology (D. R. Miller) 148
Shakow, D., The Nature of Deterioration in Schizophrenic Conditions (C. C. Neet) 135

SHERIF, M., and CANTRIL, H., The Psychology of Ego-Involvements; Social Attitudes and Identifications (E. R. Guthrie) ..... 139
SHERMAN, H. L., Drawing by Seeing (M. Bentley) ..... 605
SHIRLEY, H. F., Psychiatry for the Pediatrician (M. Bentley) ..... 466
SIMON, R. L. (Chairman), Editions for the Armed Services (M. Bentley) 466
SMITH, G. M., Workbook and Manual in Psychology; Psychology Illustrated and Applied (M. Bentley) ..... 466
STEVENS, S. S., NICHOLS, R. H., JR., and DAVIS, H., Hearing Aids; An Experimental Study of Design Objectives (M. Bentley) ..... 457
SVIRSKY, L. (Editor), Your Newspaper: Blueprint for a Better Press (M. Bentley) ..... 466
TERMAN, L. M. and ODEN, M. H., The Gifted Child Grows Up (K. Ward) 443
THOMPSON, L., Guam and Its People, 3rd ed. (F. M. Keesing) ..... 141
THORNTON, N., Problems in Abnormal Behavior (M. Bentley) ..... 611
THURSTONE, L. L., Multiple Factor Analysis: A Development and Expansion of "The Vectors of the Mind" (R. J. Wherry) ..... 129
TOMKINS, S. S., The Thematic Apperception Test: The Theory and Technique of Interpretation (R. M. Ogden) ..... 436
TYLER, L. E., The Psychology of Human Differences (J. Brožek) ..... 447
VAN SCHELVEN, T., An Introduction to Definitive Philosophy and Basic Psychology (M. Bentley) ..... 308
WALL, W. D., The Adolescent Child (M. Bentley) ..... 611
WECHSLER, I. S., A Textbook of Clinical Neurology, 6th ed., (M. Bentley) 305
WELD, H. P., LANGFELD, H. S., BORING, E. G., Psychology: A Factual Textbook (1935); Introduction to Psychology (1939); Foundations of Psychology (1948) (M. Bentley) ..... 589
WICKES, F. G., The Inner World of Man (A. S. Damm) ..... 461
WITMER, H. L. (Editor), Psychiatric Interviews with Children (D. R. Miller) ..... 142
WOLBERG, L. R., Hypnoanalysis (M. Bentley) ..... 608
WOLBERG, L. R., Medical Hypnosis (M. Bentley) ..... 608
WOLFF, W., The Personality of the Preschool Child (D. R. Miller) ..... 134
WOLFF, W., What is Psychology? A Basis Survey (M. Bentley) ..... 150
WOOD, E. E., Mind and Memory Training (M. Bentley) ..... 466